



US007449060B2

(12) **United States Patent**
Langford(10) **Patent No.:** **US 7,449,060 B2**
(45) **Date of Patent:** **Nov. 11, 2008**(54) **LOW DUST WALL REPAIR COMPOUND**(75) Inventor: **Nathaniel P. Langford**, Somerset, WI
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St. Paul, MN (US)(*) Notice: Subject to any disclaimer, the term of this
patent is extended or adjusted under 35
U.S.C. 154(b) by 24 days.(21) Appl. No.: **11/277,853**(22) Filed: **Mar. 29, 2006**(65) **Prior Publication Data**

US 2006/0156961 A1 Jul. 20, 2006

Related U.S. Application Data(60) Continuation of application No. 11/029,759, filed on
Jan. 5, 2005, now Pat. No. 7,052,544, which is a divi-
sion of application No. 10/788,053, filed on Feb. 26,
2004, now Pat. No. 6,863,723, which is a division of
application No. 09/821,392, filed on Mar. 29, 2001,
now Pat. No. 6,733,581, which is a continuation-in-
part of application No. 09/208,782, filed on Dec. 10,
1998, now Pat. No. 6,358,309.(51) **Int. Cl.****C08K 3/00** (2006.01)**C04B 24/02** (2006.01)**C04B 24/08** (2006.01)**C04B 24/14** (2006.01)(52) **U.S. Cl.** **106/658; 106/660; 106/788;**
106/780(58) **Field of Classification Search** **106/658,**
106/660, 778, 780

See application file for complete search history.

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A wall repair compound useful for filling and repairing cracks, holes, and other imperfections in a wall surface includes a conventional filler material, a conventional binder material, and a dust reducing additive which reduces the quantity of airborne dust particles generated when sanding the hardened joint compound. Airborne dust reducing additives include oils, surfactants, solvents, waxes, and other petroleum derivatives. The additive can be added to conventional ready-mixed joint compounds and to setting type joint compounds. A method of reducing the quantity of airborne dust generated when sanding a fully hardened joint compound includes mixing a sufficient quantity of the dust reducing additive with the joint compound prior to when the joint compound has been applied to the wall.

21 Claims, 1 Drawing Sheet